

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of )  
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 MIYAHARA et al. )  
 )  
 Application Number: To Be Assigned )  
 )  
 Filed: Concurrently Herewith )  
 )  
 For: BIOMOLECULE DETECTING ELEMENT AND )  
 METHOD FOR ANALYZING NUCLEIC ACID USING )  
 THE SAME )  
 )  
 ATTORNEY DOCKET NO. HIRA.0214 )

Honorable Assistant Commissioner  
 for Patents  
 Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified National Stage U.S. patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

**CERTIFICATION**

This Information Disclosure Statement is submitted with the initial filing of the application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

10/563475

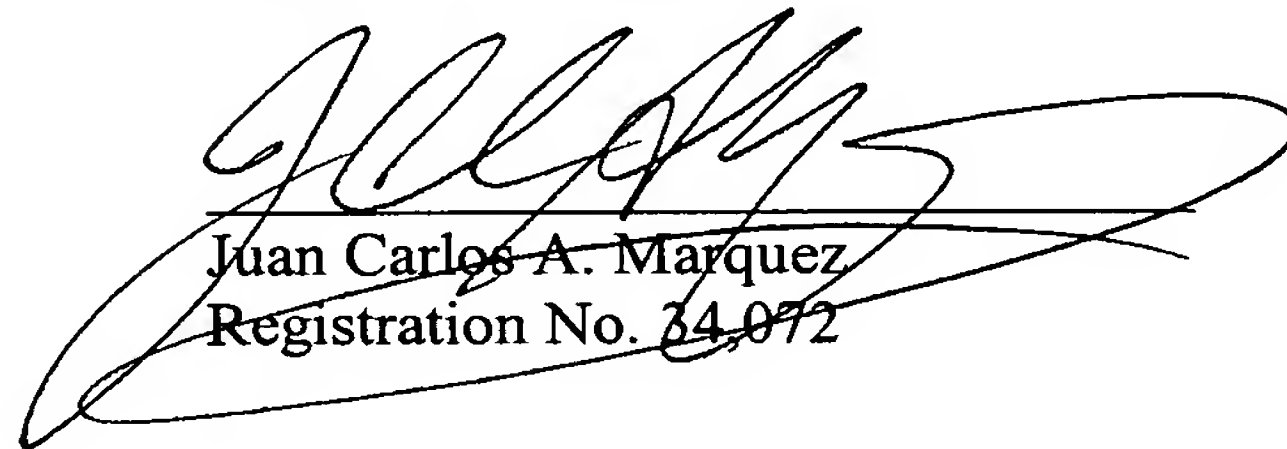
IAP15 Rec'd PCT/PTO 05 JAN 2006

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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	APPLICANT MIYAHARA et al.	
	FILING DATE Concurrently Herewith	GROUP

## U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	4,777,019	10/11/88	Dandekar			4/11/86

## Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	63-208753	2/25/87	Japan			Abstract	X
	2001-511245	4/4/97	Japan			Abstract	X
	2002-14072	6/29/2000	Japan			Abstract	X
	2003-322633	5/1/2002	Japan			Abstract	X
	3-502135	8/9/89	Japan			Abstract	X
	DE3513168*	4/12/85	Germany				X
	60-202347	3/27/84	Japan			Abstract	X
	61-11652	6/27/84	Japan			Abstract	X
	62-185160	2/10/86	Japan			Abstract	X

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	International Search Report of PCT/JP2004/012363 mailed September 28, 2004
	Teruaki Katsube, "Development of a New-Type Miltibiosensor", Bio Industry, Vol. 4, No. 5 (1987), pp. 30-35 in Japanese, and 4 pages of English translation
EXAMINER	DATE CONSIDERED
<i>EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant</i>	

PTO1449

\*Corresponds to USP 4,777,019 listed above